

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### FOIL and Factor pop quiz (version 14)

FOIL the expressions shown below:

1.  $(x - 1)(x - 1)$

$$x^2 - 2x + 1$$

2.  $(x + 7)(x + 2)$

$$x^2 + 9x + 14$$

3.  $(x + 6)(x + 7)$

$$x^2 + 13x + 42$$

4.  $(x - 7)(x - 5)$

$$x^2 - 12x + 35$$

5.  $(x + 1)(x + 4)$

$$x^2 + 5x + 4$$

**Factor the expressions shown below:**

6.  $x^2 + 2x - 35$

$$(x - 5)(x + 7)$$

7.  $x^2 - 11x + 18$

$$(x - 2)(x - 9)$$

8.  $x^2 - x - 12$

$$(x + 3)(x - 4)$$

9.  $x^2 - 9x + 20$

$$(x - 4)(x - 5)$$

10.  $x^2 - 11x + 30$

$$(x - 5)(x - 6)$$